

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,220,301 B2  
APPLICATION NO. : 10/629620  
DATED : May 22, 2007  
INVENTOR(S) : Nagashima et al.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COVER SHEET:**

- (54) Title, Line 4, "APPARATUS" should read -- APPARATUS, --;
- (54) Title, Line 6, "LIFE TIME" should read -- LIFETIME --; and
- (57) ABSTRACT, "comprising" should read -- comprising: --.

**COLUMN 1:**

Line 4, "APPARATUS" should read -- APPARATUS, --; and  
Line 6, "LIFE TIME" should read -- LIFETIME --.

**COLUMN 2:**

Line 59, "comprising" should read -- comprising: --.

**COLUMN 3:**

Line 2, "diechleneglycol." should read -- diethylene glycol. --;  
Line 41 "comprising" should read -- comprising: --; and  
Line 65, "comprising" should read -- comprising: --.

**COLUMN 4:**

Line 2, "diethyleneglycol," should read -- diethylene glycol; --.

**COLUMN 5:**

Line 35, "comprises" should read -- comprises: --.

**COLUMN 7:**

Line 45, "Lo" should read -- to --; and  
Line 63, "bring" should read -- bringing --.

**COLUMN 8:**

Line 21, "compound in compatible" should read -- compounds incompatible --;  
Line 30, "compound in compatible" should read -- compounds incompatible --; and  
Line 44, "pound" should read -- pounds --.

**COLUMN 9:**

Line 5, "solution," should read -- solution. --.

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

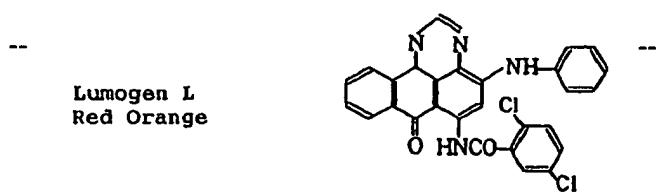
PATENT NO. : 7,220,301 B2  
APPLICATION NO. : 10/629620  
DATED : May 22, 2007  
INVENTOR(S) : Nagashima et al.

Page 2 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 13:

After Line 67, add the following:



COLUMN 15:

Line 2, "agents" should read -- agents are --;  
Line 11, "refers" should read -- referred --; and  
Line 46, "the" should read -- the compound --.

COLUMN 18:

Line 49, "be form" should read -- form --.

COLUMN 20:

Line 29, "be form" should read -- form --.

COLUMN 23:

Line 42, " $R_{11}$ " should read --  $R^{11}$  --.

COLUMN 24:

Line 57, "be form" should read -- form --.

COLUMN 25:

Line 33, "NHCH<sub>2</sub>CH<sub>2</sub>OH:" should read -- NHCH<sub>2</sub>CH<sub>2</sub>OH --.

COLUMN 26:

Line 57, "is fluores-" should read -- is preferred from the viewpoint of increasing the fluores- --.

COLUMN 28:

Line 28, "that that" should read -- than that --.

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,220,301 B2  
APPLICATION NO. : 10/629620  
DATED : May 22, 2007  
INVENTOR(S) : Nagashima et al.

Page 3 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 30:

Line 41, "member" should read -- member in --; and  
Line 58, "cunveying" should read -- conveying --.

COLUMN 33:

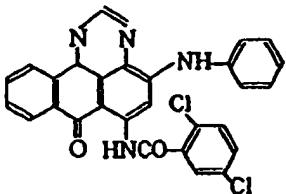
Line 9, "triangle" should read -- triangles --.

COLUMN 43:

After Line 67, add the following:

--

Lumogen L  
Red Orange



--.

COLUMN 45:

Line 52, "additional" should read -- an additional --.

COLUMN 46:

Line 3, "clear." should read -- clear; ---.

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,220,301 B2  
APPLICATION NO. : 10/629620  
DATED : May 22, 2007  
INVENTOR(S) : Nagashima et al.

Page 4 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 50:

Table 4, "1 2 3 4 5" should read -- 6 7 8 9 10 --; and  
Table 5, in the "Change in fluorescence intensity with time" row and in the "Comp. example 7" column, "A" should read -- B --.

Signed and Sealed this  
Eighth Day of April, 2008



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*